

Murex (Phyllonotus) stearnsii new species.

Shell small, white, tinted with reddish brown on the varices of which there are eight, thick and wide, on the early whorls and seven on the last whorl; nucleus small, smooth, of two whorls, followed by about five subsequent whorls; shoulder high, rounded, the space between it and the suture pit-like between the varices; spiral sculpture of nine or ten low, strong ridges, incurved and guttered on the summit of the varices, with an intercalary series of smaller cords, the whole sharply spirally threaded and crossed by fine, rather sharp axial threads between the cords; aperture oval, hardly lirate, canal short, broad, almost closed, the base of the whorl somewhat constricted. Height 50, diameter of shell 35, length of aperture and canal 33 mm.

Fossil on Magdalena Island. Recent from Acapulco to Manta, Ecuador.

This is nearest to *P. humilis* Broderip, of Panama, which has recurved spines, is generally more compact, and when adult much smaller.

LIST OF SHELLS FROM ANGEL AND TIBURON ISLANDS, GULF OF CALIFORNIA, WITH DESCRIPTION OF A NEW SPECIES.

Collected by L. C. Decius and A. D. Fyfe, November, 1917.

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ACANTHINA ANGELICA, n. sp.

Shell elongate with sloping shoulders, surface with heavy revolving striæ crossed by fine longitudinal ribs, which overlap forming a net-work; color grayish with markings of chocolate-brown here and there. Whorls five; aperture purplish within; columella straight, same color as aperture; outer lip thickened, dentate and with a strong tooth at its base. Alt. 26, diameter 13 mm. Canal short, open. It is nearest to *Acanthina engonata* Conr., but differs from it in slope of shoulders, sculpture, and color of aperture.

Type is in the Stanford Collection.

Type locality, Redondo Bay, Angel Island, Gulf of California.

ANGEL ISLAND SPECIES.

<i>Polinices recluziana</i> Desh.	<i>Acanthina</i> sp. worn.
<i>Columbella fuscata</i> Sowb.	<i>Cassis coarctata</i> Gray.
<i>Trivia solandri</i> Gray.	<i>Pecten circularis</i> Sowb.
<i>Pecten subnodosa</i> Sowb.	<i>Phyllonotus bicolor</i> Val.
<i>Fusinus dupetithouarsi</i> Kien.	<i>Olivella dama</i> Mawe.
<i>Bullaria gouldiana</i> Pils.	<i>Paphia grata</i> Say.
<i>Pecten dentatus</i> Sowb.	<i>Modiolus modiolus</i> Linn.
<i>Pododesma adamsi</i> Gray.	<i>Glycimeris giganteus</i> Rve.
<i>Arca multicosata</i> Sowb.	<i>Crepidula onyx</i> Sby.
<i>Chione undatella</i> Sowb.	<i>Cerithium interruptum</i> C. B.
<i>Crucibulum imbricatum</i> Brod.	Ad.
<i>Turbo flexuosa</i> Wood.	<i>Conus regularis</i> Sowb.
<i>Murex elenensis</i> Dall.	<i>Thais haemastoma</i> Linn.
<i>Cassis abbreviata</i> Lam.	<i>Acanthina muricata</i> Brod.
<i>Conus dalli</i> Stearns.	<i>Surcula olivaceus fumiculata</i>
<i>Pinna rugosa</i> Sby.	Val.
<i>Trivia solandri</i> Gray.	<i>Chiton</i> 2 sp.
<i>Cypraea annetta</i> Dall.	<i>Chione fluctifraga</i> Sowb.
<i>Phacoides</i> sp.	<i>Turritella gonostoma</i> Val.
<i>Cardita affinis</i> Sby.	<i>Alectrion versicolor</i> C. B. Ad.
<i>Hipponix barbatus</i> Sby.	<i>Arca solida</i> Sby.
<i>Nerita</i> sp.	<i>Tegula viridula reticulata</i>
<i>Diplodonta orbella</i> Gld.	Wood.
<i>Opalia crenatoides</i> Cpr.	<i>Alectrion affinis</i> Sby.
<i>Terebra variegata</i> Gray.	<i>Arca reeviana</i> Orb.
<i>Natica bifaciata</i> Gray.	

TIBURON ISLAND SPECIES.

<i>Diplodonta sericata</i> Rve.	<i>Diplodonta orbella</i> Gld.
<i>Paphia grata</i> Say.	<i>Olivella dama</i> Mawe.
<i>Pecten dentata</i> Sby.	<i>Conus ximenes</i> Gray.
<i>Hipponix antiquata</i> Linn.	<i>Cardita affinis</i> Brod.
<i>Heterodonax bimaculatus</i> Orb.	<i>Hipponix barbata</i> Sby.
<i>Arca reeviana</i> Orb.	<i>Pododesma adamsi</i> Gray.